

# DIGITAL AUDIO SYSTEM HAVING A SHIFT CONTROLLER

## Abstract

A digital audio system has a register for storing data bits of digital audio signals, a multiplexer having a plurality of input ends connected to the register for selecting outputting data bits of the digital audio signals stored in the register, a shift controller connected to a selection end of the multiplexer for outputting corresponding bits according to the right-shifted number of bits of the data bits, and a digital to analog converter connected to an output end of the multiplexer for converting the digital audio signals into analog audio signals.